

Date August 5, 2003

Weaver Valley Market
Corner of Glen Road and Nuggett Road
Weaverville, California

Notice of Proposed No Further Action related to petroleum discharges.
Comment Period ends **September 4, 2003**

Site History

On May 23, 2000, two 8,000-gallon steel gasoline underground storage tanks (USTs) were removed from the site. The USTs were located on the east side of the market, in front of the wash bays. The USTs were intact and had no visual evidence of having holes in them until the excavator punctured one of the USTs during removal activities. Soil samples were collected from beneath each tank and dispenser island. One grab water sample was collected from standing water in the tank pit excavation. Lab analysis results indicated the presence of toluene, ranging from 1.5 to 3 ug/Kg, and methyl tertiary butyl ether (MtBE), ranging from 7.2 to 16 ug/Kg, in the soil samples collected from beneath the tanks. Groundwater was encountered at approximately 15 feet below ground surface (bgs). MtBE, detected at 25 ug/L, was the only constituent detected in the excavation pit standing water sample.

Subsurface Investigation

On May 10, 2002, four soil borings were advanced to between 12 and 15.5 feet bgs. In an attempt to obtain groundwater samples, temporary well points were placed in each boring and allowed to remain overnight. However, even after 24 hours, insufficient water had accumulated to collect groundwater samples. Toluene and Total Petroleum Hydrocarbons as gasoline (TPHg) were detected in the four soil samples:

- GP-1 @ 11.5 feet bgs: TPHg, 0.10 mg/kg
- GP-2 @ 15.5 feet bgs: TPHg, 0.06 mg/kg
- GP-3 @ 11.5 feet bgs: TPHg, 0.06 mg/kg; toluene, 15 ug/kg
- GP-4 @ 12 feet bgs: TPHg, 0.14 mg/kg; toluene, 2.7 ug/kg

Conclusions

The primary source, the USTs, was removed from the site. Soils in the vicinity of the tank excavation are uniformly stiff clay with low moisture content. Groundwater was not encountered during the follow-up investigation, and it is highly likely that the water sample collected during the tank removal was surface water runoff. Due to the impermeable nature of the surrounding soils, the tank pit would act as a natural catch basin for surface runoff, and water in the pit would include material spilt onto the ground during day-to-day automobile fueling operations. The very low levels of toluene and gasoline and lack of MtBE in soil samples strongly suggest that previous MtBE contamination in the former tank pit was unable to migrate through the surrounding clays.

Evidence from nearby sites indicates that groundwater is approximately 35-40 feet bgs in the vicinity of the site.

Proposed Action: No Further Action is proposed for the site.

MtBE Status: Results of lab analysis of soil samples collected two years after the tanks were removed indicated no MtBE present.

Unless comments are received or new information is presented, Regional Water Board staff plan to concur with no further action upon conclusion of the comment period. Please contact Ron Allen by telephone at (707) 576-2848 or email at aller@rb1.swrcb.ca.gov for all issues concerning the Weaver Valley Market site.